Doring							Term	rea y roemis	Consultants		
BORING LOCAL	4, East	of Bui	lding 66				Boring Name2BB-4-1				
DRILLING CON	IPANY ternary				DRILLER Joe Ab	reau	Project Name		rcraft		
ORILLING MET	HOD (S)		- weekfild		DRILL BIT (S) SIZI	E	1				
DEPTH TO WAT					1.5 inch	ies	Project Number ELEVATION	TOTAL D	ЕРТН		
Not LOGGED BY	Encount	ered					Not Surveye DATE STARTED	ed	10 feet MPLETED		
J. K	night			,			4/16/97	DATECO	4/16/97		
Collected YS Prescribin MR Residence TITES	200	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING REMAI	RKS		
	1.7	_		ML	2.5Y 5/6	Asphalt, 4" Clayey SILT: light oli	ve brown, stiff, slightly m	noist	-		
	4.6	5-			2.5Y 5/4	light olive brown, firm	n, moist		-		
		-			2.5Y 4/4	stiff, moist olive brown, stiff, slig	htly moist		- -		
	3.1	10-				some fine sand					
		10				Boring terminated at 1	0 feet.		-		
		15-				-			-		
		20-				-			-		
		- - -				_ - -			- -		
-		25-				- - -			-		
						- -			-		
		30-				•			- - -		
		35-									
		40-									
	LL										

BORING LOCATION			ouj, ouiii ouiisutuitis
Area 4, East of Building 66	DRU L PR	Boring Name	2BB-4-2
Quaternary Investigations	DRILLER Joe Abreau	Project Name	Douglas Aircraft
ORILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE		974002.00
DEPTH TO WATER	1.5 inches	ELEVATION	TOTAL DEPTH
Not Encountered LOGGED BY		Not Surveyed DATE STARTED	10 feet
J. Knight		4/16/97	DATE COMPLETED 4/16/97
SAMPLES Depth (feet) Lithology Log		OIL DESCRIPTION AND D	
2.1	2.5Y 4/3 Asphalt, 4" Clayey SILT: olive by	rown, firm, moist	
2.4	10YR 5/8 yellow brown, trace of	of fine sand, firm, slightly mo	pist
2.2	10YR 4/4 dark yellow brown, st	iff, slightly moist	
- 10- - - - - - - - - - - - -	Boring terminated at	10 feet.	
15-	-		
20-			
25-			
	-		- - -
30-	-		• •
35-			- - - -
40-	-		- - - -

Boring Log		Kennedy/Jenks Consultants
BORING LOCATION Area 4, East of Building 66		Boring Name 2BB-4-3
DRILLING COMPANY	DRILLER	
Quaternary Investigations PRILLING METHOD (S)	Joe Ab	IZE
Earth Probe	1.5 inc	
Not Encountered		Not Surveyed 10 feet
LOGGED BY J. Knight		DATE STARTED DATE COMPLETED 4/16/97 4/16/97
SAMPLES S Dents	USCS Mangell	
Leaving and the control of the contr	USCS Munselt Log Color	SOIL DESCRIPTION AND DRILLING REMARKS
1.7	ML 2.5Y 4/4	Asphalt, 4" Sandy SILT: olive brown, fine sand, some clay, firm, moist
1.3	ML 2.5Y 4/4	Clayey SILT: olive brown, stiff, slightly moist
5-	10YR 5/6	yellow brown, stiff, slightly moist
	2.5Y 5/6	- light olive brown, stiff, slightly moist
3.6		
		- Boring terminated at 10 feet.
15-		
20-		
-		
30-		- -
35-		-
		- -
- 40-		<u> </u>
		-

Boring Log			Kennedy/Jenks Consultants
BORING LOCATION Area 4, East of Bui	lding 66		Boring Name 2BB-4-3A
DRILLING COMPANY Water Developmen	_	DRILLER Paul Hai	TD 1A* 0.
DRILLING METHOD (S)		DRILL BIT (S) SIZE 7 3/4 incl	3
CME-75, Hollow So	em Auger	/ 3/4 Inc	ELEVATION TOTAL DEPTH
Not Encountered LOGGED BY			Not Surveyed 51.5 feet DATE STARTED DATE COMPLETED
J. Knight		1	4/24/97 4/24/97
Collected Collec	Lithology USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
4 6.2 -	ML	2.5Y 4/4	Asphalt, 6" Clayey SILT with Sand: olive brown, fine sand, stiff, moist
5 7 10 5-	cr	10YR 3/3	Silty CLAY: dark brown, very stiff, moist
- - - 10-	-		- - -
5 8 13.3	ML	2.5Y 5/4	Clayey SILT: light olive brown, some fine sand, stiff, slightly moist
15-		-	- - - -
10 13 16 8.4	ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, very stiff, moist
25-		-	• • •
9 14 8.4 30-		-	
35-		-	
12 9.3 40- 20 9.3	cr	2.5Y 6/2	Silty CLAY: light brown gray, very stiff, very moist

Boring Log

BORI	NG L	OCATIO A rea	ON 1. East	of Buil	lding 66				Boring Name	2BB-4-3A	
DRILL	JING	COMP	NY Devel o				DRILLER Paul Ha	inson	Project Name	Douglas Airci	raft
DRILL	ING	METH	OD (S)		em Auger	1	Paul Ha DRILL BIT (S) SIZE 7 3/4 inc	ches	_	974002.00	
ÆPTI	н то	WATE	1		em Auger		/ 3/4 m	cnes	Project Number	TOTAL DEPT	51.5 feet
LOGG	ED I	BY	ncounte	ered					Not Surveyed DATE STARTED	DATE COMPL	ETED
_		J. Kni MPLES	ght		-		1	<u> </u>	4/24/97		4/24/97
Driven Recovered		Penetration Resistance (blows/foot)	Head Space Residing (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND	DRILLING REMARKS	· · · · · · · · · · · · · · · · · · ·
-				457		CL	2.5Y 6/2	Silty CLAY: light brov	wn gray, very stiff, very m	oist	
		15 21 27	8.7	50-		ML	5Y 5/4	Sandy SILT: olive, fin	e sand, very stiff, moist		-
		27	0.7	55- 60- 70- 75-				Boring terminated at 5			

Boring Log		Rennedy	Jenks Consultants
BORING LOCATION Area 4, East of Building 66		Boring Name 2BB	-4-4
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	ì	glas Aircraft
DRILLING METHOD (S)	DRILL BIT (S) SIZE		02.00
Earth Probe DEPTH TO WATER	1.5 inches	ELEVATION	TOTAL DEPTH
Not Encountered LOGGED BY		Not Surveyed DATE STARTED	DATE COMPLETED
J. Knight		4/16/97	4/16/97
Depth (feet) Lithology USCS Log		SOIL DESCRIPTION AND DRILLIN	IG REMARKS
0.4 - ML	10YR 4/6 Asphalt, 4" Clayey SILT: dark	yellow brown, stiff, moist	-
1.1	10YR 3/3 dark brown, firm, r		-
5-1	<u> </u>	, some fine sand, decreasing clay, stiff	slightly moist
	10YR 4/6 - Sandy SILT: dark y	ellow brown, fine sand, firm, moist	-
2.4	some clay		-
10	1		
	Boring terminated	at 10 feet.	-
15-			-
			- -
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BOTING LOCATION							12011.	icaj/ochrs (onsultants
Area	4, East	of Bui	lding 66				Boring Name —	2BB-4-5	- Notes
DRILLING COMP. Quate	mary !	Investi	igations	1	DRILLER Joe Ab i	reau	Project Name	Douglas Air	craft
DRILLING METH	OD (S) Probe				DRILL BIT (S) SIZE 1.5 inch	3	·	974002.00	
∠EPTH TO WATE	R ncount				1.0 III cii		Project Number	TOTAL DEF	
LOGGED BY		ereu					Not Surveyed	DATE COM	
J. Kni	ight			1	T		4/16/97		4/16/97
Recovered Collected Penetration Resistance (Movestood)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING REMARI	KS
	0.4	_		ML	5Y 5/4	Asphalt, 4" Sandy SILT: olive, find	e sand, firm, slightly mois	st	-
	0.3			ML	10YR 4/6	Clayey SILT: dark yell	low brown, stiff, slightly i	moist	-
	0.5	-			10YR 3/4	dark yellow brown, fir	m, moist		-
	0.9	5-			10YR 3/6	dark yellow brown, sti	ff, slightly moist		•
	0.5	10-				hard, dry			
		7				Boring terminated at 1	0 feet.		-
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BORING LOCATION			يبة جسيدك كالسائد			
Area 4, East of Building 66			Boring Name	2BB-4	l-6	
DRILLING COMPANY Quaternary Investigations	ORILLER Joe Abra	9911	Project Name	Dongl	as Aircraft	
DRILLING METHOD (S)	ORILL BIT (S) SIZE					
Earth Probe	1.5 inche	es	Project Number	97400		
DEPTH TO WATER Not Encountered		E	Not Surveyed		TOTAL DEPTH	10 feet
LOGGED BY J. Knight		D	Not Surveyed ATE STARTED 4/16/97		DATE COMPLETED	4/16/97
SAMPLES Depth (foot) Lithology USCS Log Log Log Log Log Log Log Log	Munsell Color	SOIL	DESCRIPTION AND D	RILLING	REMARKS	
0.8 - ML	2.5Y 4/4	Asphalt, 4" Clayey SILT: olive brov	vn, with fine sand, stiff, s	lightly mo	ist	-
2.7	10YR 3/4	dark yellow brown, little soft, moist stiff, slightly moist	e or no sand, firm, moist			- - - - -
4.9	10YR 3/6	dark yellow brown, hard	i, slightly moist			-
	-	Boring terminated at 10	feet.			-
15-	-					- - - -
20-	-					- - - -
25-	-					-
30-						-
35-	-					
40-	-					

BORING L		ON							· · · ·		
ł	Area	5, Phote	o Lab					Boring Name —	2BB-:	5-2	
DRILLING	COMP	ANY				DRILLER				las Aircraft	
DRILLING	Quate METH	ernary I	investi	gations		Joe Ab DRILL BIT (S) SIZ	F	Project Name —.			
	Earth	Probe				1.5 incl	nes	Project Number ELEVATION	97400		
JEPTH TO	WATE	R						ELEVATION		TOTAL DEPTH	
LOGGED		ncount	ered			·	 	Not Surveye DATE STARTED	ed	DATE COMPLETED	10 feet
	J. Kn	ight						4/18/97		DATE COMPLETED	4/18/97
	MPLES 5 8 8	Head Spece Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	so	IL DESCRIPTION AND	DRILLING	G REMARKS	
	TE C	0.3	-		CL	10YR 2/1	Silty CLAY: black, sti	ff, moist, abundant organ	ic material		
			-			10YR 3/2	very dark gray brown				
	1	1.2	-			101 K 3/2	very dark gray brown		· · · · · · · · · · · · · · · · · · ·		
			5- -		ML	2.5Y 4/4	Clayey SILT: olive bro	own, stiff, slightly moist			
		1.5	_				trace of fine sand				
	1	<u> </u>	10-	111111111111111111111111111111111111111							· · ·
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-			4				Boring terminated at 1	0 feet.			
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BORING	G LO	CATIO		-							enks Consultants
DRILLI	A	rea :	5. Bord	er witl	h Internationa	l Light	Mctals DRILLER		Boring Name —	2BB-	
DRILLII	W	ater	Devel	<u>pmen</u>	<u>t</u>		Gary W	hitley	Project Name	Doug	las Aircraft
EPTH	C	ME-	85, Ho	llow St	tem Auger		8 inches		Project Number	97400	
	N	ot E	c ncount	ered					Not Surveye	ed	TOTAL DEPTH 50.5 feet
LOGGE			neeber	rger					DATE STARTED 4/22/97		DATE COMPLETED 4/22/97
Driven	Collected	Resistence (bows/toot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	so	IL DESCRIPTION AND	DRILLING	
		4 5 5		-				Asphalt Concrete, 3" ballast			
	**	2 3 8	0	5-		CL	2.5YR 2.5/2	CLAY: dark reddish b medium sand	rown, soft to medium stif	f, damp, mo	oderately plastic, trace of fine to
	***	3 4 6	0	10-		SC	5YR 4/4	Clayey Fine SAND: re	eddish brown, medium sti	— — — ff, damp, sl	— — — — — — — — — ightly plastic
				15-				- - -			
	***	3 5 10	0	20-		ML	2.5Y 4/3	Clayey SILT: olive bro	wn, medium stiff to stiff,	damp, sligl	ntly plastic, trace of fine sand
		6 4 4 6 6	0	30-		 SP	10YR 5/8	— — — — — — SAND: yellowish brow	n, medium dense, damp,	— — —	— — — — — — — — — — of shell fragments
	SSSSS 5	3	0	40-							

-				Log						12011		enks Consultants
			OCATI A rea	5, Bord	er wit	h Internationa	l Light !	Metals		Boring Name —	2BB-	5-3
ł		NG V	COMI Wate	ANY r Devel				DRILLER Gary V	Vhitley	Project Name		las Aircraft
DR	ILLI	NG	METH	IOD (S)		tem Auger		DRILL BIT (S) SIZ 8 inche	E		97400	
JE	РТН	то	WATE	R		iciii Augei	1	o mene		Project Number -		TOTAL DEPTH
īο	GGE	DB	3Y	incount						Not Survey DATE STARTED	/ed	DATE COMPLETED
		SΑ	MPLES	hneeber	1	·	ī		Ţ	4/22/97		4/22/97
Driven	Recovered	Collected	Penetration Resistence (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND		
•••C	Rem	Cole	6 14 22	O O	45- 50- 55- 60-		SP	5YR 5/8		vellowish red, medium de		fine, trace of shell fragments
-									-			
					80-				•			

		OCATI	J og								enks Consultants
DRILL	ING	A rea	<mark>5, Bord</mark> ANY	<u>er witi</u>	<u>International</u>	Light	Metals DRILLER		Boring Name —	2BB-	
PRILL	ING	Wate:	r Devel	opmen	t		Gary V DRILL BIT (S) SIZ	Vhitley E	Project Name		las Aircraft
	(-85, Ho	llow St	em Auger		8 inche	<u>s</u>	Project Number - ELEVATION	97400	
	ľ	Not E	ncount	ered					Not Surveyo	ed	TOTAL DEPTH 50.5 feet
LOGGI			nneebei	rger					DATE STARTED 4/22/97		DATE COMPLETED 4/22/97
Driven Recovered	Collected	Penetration GM Resistence (blows/fbot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOI	L DESCRIPTION AND	DRILLING	
		4 5 5	18.5	-				Asphalt Concrete, 3" ballast	W # 2		
	**	2 3 5	0	5-		ML	10YR 4/3	Clayey SILT brown, s	oft to medium stiff, dam	p, slightly p	lastic, trace of fine sand
	**	3 4 6	0	10-				medium stiff			
	**	4 5 10	0	15- 20-		 sc	5YR 4/4	Clayey Fine SAND: re		 iff to stiff, п	
				25-				-			
XXXXX		7 10 14	0	30-		SP	5YR 5/8	SAND: yellowish red,	medium dense, damp, fir	ne, trace of r	medium, trace of shell fragments
		8 12 16	0	35-				fine, trace of shell fragr	nents		
		7 9 14	0	40-				increasing shell fragme	nts		• •

			OCAT	ON ON					Kennedy/Jenks Consultants
				5, Bord	<u>ler wit</u>	h Internationa	l Light	Metals DRILLER	Boring Name 2BB-5-4
DRI	LLII	NG	Wate METH	r Devel	opmer	<u>ıt</u>		Gary V DRILL BIT (S) SIZ	Whitley Project Name Douglas Aircraft
		(CME WATE	-85, Ho	llow S	tem Auger		8 inche	es Project Number 9/4002.00
		1	Not E	ncount	ered				Not Surveyed 50.5 feet
LOC	GE	I	D. Sc	hneebe	rger				DATE STARTED DATE COMPLETED 4/22/97 4/22/97
£	Deuevo		Persetration de Resistance (blows/foot)	d Space	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
훔	8	Š	4 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Read Spv (ppm)	 		SP	5YR 5/8	SAND (Continued): yellowish red, medium dense, damp, fine, some shell fragments
	***	X	7 13	0	45-			2.5YR 6/3	light reddish brown, medium dense, damp to moist, fine
					55- 60- 70-				Boring terminated at 50.5 feet.
					75-				

BORINGLOCA							Kem	reuy/J	enks Consultants
Are	a 5	-,		,	Innu i en		Boring Name —	2BB-:	5-6
DRILLING COM Qua	ternary	<u>Inves</u> ti	igations		DRILLER Joe Ab	reau	Project Name		las Aircraft
DRILLING MET	h Probe				DRILL BIT (S) SIZ	E nes	Project Number	97400	
EPTH TO WAT	ER Encount						ELEVATION Not Surveye		TOTAL DEPTH 10 feet
LOGGED BY	night						DATE STARTED 4/18/97		DATE COMPLETED
SAMPLE B 8 8 8	S \$	Depth (feet)	124.1	USCS	Munsell		<u> </u>		4/18/97
Driven Recove Collecti Penetralis	Read Sp.	(feet)	Lithology	USCS Log	Munsell Color	SOI	IL DESCRIPTION AND	DRILLING	FREMARKS
	1.5	-		CL	2.5Y 3/1	Silty CLAY: very dark	gray, soft, moist, abunda	ant organic i	material
	2.9	5-			2.5Y 5/4 2.5Y 3/3	mottled light and dark	olive brown, stiff, slightl	y moist	
					2.5Y 5/6	light olive brown, less	organic		
				ML	2.5Y 6/4	Clayey SILT: light yell	low brown, very stiff, slig	ghtly moist,	trace of organic material
	2.1	10-				decreasing clay			
		15- 20-				Boring terminated at 1	0 feet.		
		30-							-
-		40-			-				_

Bori									Keni	reuy/J	enks Consultants		
BORING	Aı	rea 5	<u> </u>						Boring Name —	2BB-:	5-7		
DRILLIN	IG CO	OMPA 18te:	NY mary l	Investi	igations		DRILLER Joe Ab	reau	Project Name		las Aircraft		
RILLIN	IG M	ETHO	D (S) Probe	·			DRILL BIT (S) SIZE	F		97400			
DEPTH 1	ro w	ATER							Project Number ELEVATION		TOTAL DEPTH		
LOGGEI	BY			ereu					Not Surveye	<u>a</u>	DATE COMPLETED		
1 41	J. SAMP	Kni LES	gnt						4/18/97	1	4/18/97		
Orlven Recovere	Collected	Resistence (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		L DESCRIPTION AND				
			1.2	-		CL	2.5Y 3/3	Silty CLAY: dark olive	e brown, stiff, slightly mo	oist, abunda	nt organic material		
	**		1.8	5-			10YR 3/2 10YR 4/4	2 mottled very dark gray brown and dark yellow brown, trace of organic material					
				-		ML	10YR 3/2 2.5Y 5/6	Clayey SILT: mottled very dark gray brown and light olive brown, stiff, slightly moist					
			1.8	10			2.5Y 5/6	light olive brown, decr	easing clay, some fine sa	nd, stiff, sli	ghtly moist		
				-				Boring terminated at 1	0 feet.		· · ·		
				15-									
- -				20-				<u>-</u>			- -		
-				- -				-			- - -		
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BORING LOGATION						Kem	redy/J	enks Consultants
Area 5						Boring Name	2BB-:	5-8
DRILLING COMPANY Quaternary In	nvesti	ostions		DRILLER Joe Abi	rea ii	Project Name		las Aircraft
'RILLING METHOD (S)				DRILL BIT (S) SIZE	3	1	97400	
Earth Probe DEPTH TO WATER				1.5 inch	es	Project Number ELEVATION		TOTAL DEPTH
Not Encounter LOGGED BY	red	· · · · · · · · · · · · · · · · · · ·				Not Surveye DATE STARTED	d	DATE COMPLETED
J. Knight	-					4/21/97		4/21/97
	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING	REMARKS
8.2	1		CL	2.5Y 3/1	Asphalt, 3" Silty CLAY: very darl	k gray, firm, moist		
	5-		ML	10YR 3/3	Clayey SILT: dark bro	own, stiff, slightly moist		
	-			10YR 3/3 2.5Y 5/6	- mottled dark brown as	nd light olive brown, firm,	, slightly mo	oist
9.1	10			2.5Y 4/4	decreasing clay, olive	brown		
	15-				Boring terminated at 1	0 feet.		
	20-				- - - -			
	25-							
	30-			-				
	35-			-				
	40-	į		_ _ _ _				- - -

Boring			-				Keni	1eay/Je	enks Consultants
BORING LOCAT A res	5						Boring Name	2BB-5	5-9
DRILLING COM Oua		Invest	igations		DRILLER Joe Ab	reali	Project Name		as Aircraft
Quat DRILLING MET	IOD (S) Probe				Joe Ab DRILL BIT (S) SIZ	E			
■DEPTH TO WAT	R		·		1.5 incl	nes	Project Number -		TOTAL DEPTH
LOGGED BY	Encount	ered					Not Surveyer DATE STARTED	d	DATE COMPLETED
J. Ki				1	1	I	4/21/97		4/21/97
Driven Recovered Collected Penetration Resistance (blorestroot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	ì	IL DESCRIPTION AND	DRILLING	REMARKS
	4.9	_		CL	2.5Y 3/1	Asphalt, 3" Silty CLAY: very dark	gray, firm, moist		
	6.6	-			2.5Y 4/3	olive brown, firm, mo	ist		
		5-		ML	2.5Y 4/4	Clayey SILT: olive, sti	iff, moist		-
		-				decreasing clay, some	fine sand		
	6.1	10				decreasing sand			-
		-				Boring terminated at 1	0 feet.		- - - -
		15-				-			-
									-
		20-				-			- -
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		25-				- -			-
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		30-				- - -]
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		i			-	". "			-

BORING						· · · · · · · · · · · · · · · · · · ·			edy/Jenks Cor	isuitants
	Area	5. Build	ling 20)		DRILLER		Boring Name ——	2BB-5-10	·
	Quate	mary	Invest	igations		Joe Ab	reau	Project Name	Douglas Aircra	ft
DRILLING		OD (S) Probe				DRILL BIT (S) SIZI 1.5 inch	E nes	Project Number	974002.00	
DEPTH TO	O WATE	R ncount						ELEVATION	TOTAL DEPTH	
LOGGED	BY		cicu	·				Not Surveyed DATE STARTED	DATE COMPLETE	
S,	J. Kni	gnt	1	<u> </u>	Τ		1	4/23/97		4/23/97
Driven Recovers Collected	Penetration Resistence (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	so	IL DESCRIPTION AND I	DRILLING REMARKS	
<u> </u>	3 2.2.2	## &		×××××		+	Concrete, I'			
	8	2.8	-		ML	2.5Y 3/3	L	ve brown, firm, slightly me	nist	
	24		-		<u> </u>	ļ				
	8	4.0	-		CL	2.5Y 3/3	Silty CLAY: dark oliv	e brown, stiff, slightly moi	st	
	١	4.0	-			2.5Y 3/2	very dark gray brown			
			5-			2.51 3/2	L very dark gray brown			
						2 635 474				
					ML	2.5Y 4/4	Clayey SILT: olive br	own, very stiff, slightly mo	oist	
							-			
	X	3.9				2.5Y 5/4	light olive brown, dec	reasing clay		
			10-							
							_			
							Boring terminated at 1	IO foot		
.			_				Doring terminated at 1	io leet.		
	1 1		15-				-			
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Boring 1						_	_					a cay ro	enks Consu	itants	
BORING LOCATION Area	on 5, Buil d	ling 20	0_				_				Boring Name 2BB-5-11				
DRILLING COMPA	ANY rnary	_		61.c-					DRILLER Joe Ab		Project Name Douglas Aircraft				
"RILLING METH	OD(S)		ıga	tioi	113				DRILL BIT (S) SIZ	E					
Earth DEPTH TO WATER	Probe								1.5 incl	ies E	Project Number _	97400	TOTAL DEPTH		
Not E	ncount	ered									Not Surveye	ed	+	26 feet	
LOGGED BY J. Kni	ght										4/22/97		DATE COMPLETED	4/22/97	
Collected VS (interstation Collected VS (interstation Collected VS (interstation Collected Colle	Head Space Reading (ppm)	Depth (feet)		Li	tholo	ogy		USCS Log	Munsell Color	SOIL	SOIL DESCRIPTION AND DRILLING REMARKS				
**************************************	188		Ø	∇	∇	\propto	∇			Concrete, 1'					
	14.6	-		Ĭ	Ĭ	Ĭ	Ĭ	ML	2.5Y 3/2	Clayey SILT: very dark	gray brown, stiff, sligh	tly moist		-	
	16.0	<u> </u>								soft, moist				- -	
			$\ \ $	Ш		Ш				stiff, moist					
		_	₩	╫	╫	HH	H	ML	2.5Y 4/4	- Clayey SILT: olive brov	wn, firm, moist				
	12.7	10-								stiff, slightly moist	,,			-	
		15-						_	2.5Y 4/4	Sandy SILT: olive brow	– — — — — — — m, fine sand, stiff, mois				
		20-						ML	2.5Y 5/4	Clayey SILT: light olive	brown, firm, moist			-	
	12.7	25-							2.5Y 5/3	light olive brown, stiff, s	slightly moist			- -	
		30-								Boring terminated at 26	feet.				
										-					
-		35-								- -				-	
		1								- -				1	
		40-								- - -					
		-												-	

Boring Log

BORIN			ON 5, Build	ing 20)				Boring Name ——	2BB-5	5-12
DRILLI	ING	COMPA	ANY ion San				DRILLER Stewart	t King	Project Name		as Aircraft
DRILLI	NG	метн ХD-1	OD (S)				DRILL BIT (S) SIZI 2 3/8 in	Ē		974002	
)EPTH	то	WATE				1	2 3/0 11	Circs	Project Number ELEVATION Not Surrouse		TOTAL DEPTH
LOGGE	DB	Y	ncounte						Not Surveyed DATE STARTED		DATE COMPLETED
16	SA	D. Sci MPLES	neeber						5/6/97		5/6/97
Driven Recovers	Collected	Penetration Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOI	IL DESCRIPTION AND I	DRILLING	REMARKS
	**		4.1	5-		CL	5YR 3/2	Sandy CLAY: dark red	idish brown, medium stif,	moist to da	mp, moderately plastic, fine sand
				-				-	w		-
	XXX		0	10~		ML	5YR 5/4	Clayey SILT: reddish I	brown, medium stiff, darn	o, slightly p	- lastic
	***		0	15-		SM	2.5Y 4/4	Clayey Fine SAND: of	live brown, medium stiff, d	damp, sligh	tly plastic
	**		0	20-		 ML	2.5Y 5/3	Clayey SILT: light oliv	ve brown, soft to medium s	stiff, damp,	slightly plastic, trace of fine sand
			0	25-			2.5Y 4/3	olive brown, increasing	g clay		- -
-	000			-				- Boring terminated at 2	6 feet.		-
				30-				- - -			- - -
				35-				• • •			- - -
-				40-							<u>.</u> -

BORING LOCATION					Boring Name 2BB-5-13						
Area 5, Buildi DRILLING COMPANY	ing 20	<u>) </u>		DRILLER]					
Quaternary In RILLING METHOD (S)	nvesti	gations		Joe Abı DRILL BIT (S) SIZE	;	Project Name					
Earth Probe				1.5 inch	es	Project Number	974002	Z.OO TOTAL DEPTH			
Not Encounter	red					Not Surveye	d l	26 feet			
LOGGED BY J. Knight						DATE STARTED 4/22/97		DATE COMPLETED 4/22/97			
Driven Recovered Collected Penetration (thorat/bod) Kestigana (thorat/bod)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOI	IL DESCRIPTION AND	DRILLING	REMARKS			
		XXXXX	•		Concrete, 1'						
28.9	-		CL	2.5Y 5/4	Silty CLAY: light olive	e brown, firm, moist, fuel	odor	-			
				2.5Y 3/2	very dark gray brown, firm, moist						
450	-				fuel odor						
	5-		ML	2.5Y 4/4 2.5Y 5/6	Clayey SILT: mottled	olive brown and light oliv	e brown, sti	ff, slightly moist, slight fuel odor			
	1			2.5Y 5/4	light olive brown, fuel odor						
13.2	10-				decreasing clay, very f	faint odor		- - -			
9.8	15-			2.5Y 4/4	olive brown, some find	e sand, stiff, slightly mois	t, no odor	- - - -			
	20-				increasing clay, decrea	using sand		- - - -			
	25-		CL	2.5Y 4/4	Silty CLAY: olive brow	wn, very stiff, slightly mo	 ist				
-	20-				Boring terminated at 2	6 feet.		- - -			
-	30-				-			-			
	35-				- - -			- - -			
	-				- -			- -			
	40-				- -			-			
	-							-			

BOL									Acm	iedy/Jenks Consu	italits
BORING	LOCATION A TEN	on 5. Build	linø 20)					Boring Name	2BB-5-14	
DRILLII	NG COMP.	ANY	_				DRILLER		1	Douglas Aircraft	
RILLII	NG METH	ernary I OD (S)		gation	8		Joe Ab	reau E	Project Name		
	Earth TO WATE	Probe					1.5 incl		Project Number _ ELEVATION	974002.00 TOTAL DEPTH	
	Not E	ncount	ered						Not Surveye	d	26 feet
LOGGE	DBY J. Kni	eht							DATE STARTED 4/22/97	DATE COMPLETED	4/22/97
	SAMPLES	•							<u>.</u>		
Driven Recovered	Collectex Penetration Resistence (blows/loof	Head Spac Reading (ppm)	Depth (feet)	Lith	ology	USCS Log	Munsell Color	so	IL DESCRIPTION AND	DRILLING REMARKS	
× 2	S 185	## &			XXX			Concrete, I'			
	223		-			ML	2.5Y 4/3	1	own, stiff, slightly moist		-
	₩		-			ML	2.51 4/3	Clayey SILT. Olive bit	owit, still, slightly moist		-
			_		HHH		1				
	※					CL	10YR 3/2	Silty CLAY: very dark	k gray brown, stiff, slightl	y moist	
							 				
]			ML	2.5Y 6/4	Clayey SILT: light yel	llow brown, very stiff, sli	ghtly moist	
							2.5Y 4/4	olive brown			-
								-			-
	×	3.0						_			-
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		•	15-					- 4			
	₩	3.9	1.5					decreasing clay			_
						•					
								_			
			-					-			=
***			1					-			=
	× I	5.0	20-					increasing clay, firm, s	slightly moist		-
*****	~		-					=			-
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××			4								-
	.		25-					stiff, slightly moist			
	₩	3.6		ШШ	ШШ			sun, sugnuy moisi			
											
		ſ									
			1					Boring terminated at 2	6 feet.		7
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BORING LOCATI	on 5. Build	ling 2(1				Boring Name	2BB-5	S-1 <i>6</i>	
DRILLING COMP	ANY		igations	1	DRILLER Top A h		_		as Aircraft	
DRILLING METH	OD(S)		igations	1	Joe Ab ORILL BIT (S) SIZ	Œ	Project Name			
Earth EPTH TO WATE	Probe				1.5 inc	hes	Project Number	97400	TOTAL DEPTH	
	ncount	ered					Not Surveyed	d l		26 feet
J. Kni	ight	·					4/23/97		DATE COMPLETED	4/23/97
Briven Recovered Collected Penetration Resistence (blows/bod)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		SOIL DESCRIPTION AND DRILLING REMARKS			
	2.4			CL	2.5Y 3/2	Asphalt, 4" Silty CLAY: very dark	gray brown, firm, moist			
	3.5	-			2.5Y 3/2 2.5Y 4/4	mottled very dark gray	brown and olive brown, i	firm, moist		
	50	5-		ML	2.5Y 4/3 5GY 4/1	Clayey SILT: olive bro dark greenish gray, str	own, soft, moist ong fuel odor, oily, soft, m	ioist		
	83	10-				strong fuel odor, firm,	moist			
	3.0	15-			2.5Y 4/4	olive brown, stiff, sligl	ntly moist, no odor			
	2.5	20-			2.5Y 5/4	light olive brown, stiff,	moist			
	12.8	25-		- — — SM	2.5Y 5/6	Silty SAND: light olive	e brown, fine, loose, slight	ly moist		-
		30-				Boring terminated at 26	5 feet.			- - - -
		35-				- - -				- - - - -
		40-								- - - -

DOTTING LOGATION			dy/Jenks Consultants
BORING LOCATION Area 5, Building 20		Boring Name ——	2BB-5-17
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	1	Douglas Aircraft
RILLING METHOD (S)	DRILL BIT (S) SIZE	, and the second	974002.00
Earth Probe DEPTH TO WATER	1.5 inches	ELEVATION	TOTAL DEPTH
Not Encountered LOGGED BY		Not Surveyed DATE STARTED	DATE COMPLETED
J. Knight SAMPLES	<u> </u>	4/21/97	4/21/97
Depth (feet) Lithology USCS Log		OIL DESCRIPTION AND DR	RILLING REMARKS
8.0 - CL	5Y 4/2 Asphalt, 4" Silty CLAY with Sar odor	nd: olive gray (discolored), fin	e to medium sand, firm, moist, weak fuel
	-	4 feet due to refusal.	
40-			-

BORING LOCAL							TCIII	nedy/Jenks Consultants
	a 5, Build	ding 20)		Dantes		Boring Name	2BB-5-18
Qua	ternary	Investi	gations	-	DRILLER Joe Ab	reau	Project Name	Douglas Aircraft
RILLING MET Ear	h Probe	<u> </u>			DRILL BIT (S) SIZ 1.5 inc	E	Project Number _	974002.00
DEPTH TO WAT	ER Encount					E	LEVATION Not Surveye	TOTAL DEPTH
LOGGED BY	night					E	DATE STARTED	DATE COMPLETED
SAMPLE		4		-		<u>_</u>	4/21/97	4/21/97
Penetrator Recovers Collected Penetrator Resistence	Head Spac Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	l	DESCRIPTION AND	DRILLING REMARKS
						Concrete, 6" fill gravel		
		5-		— — - МL	10YR 3/3 2.5Y 5/4	Clayey SILT: dark brow		·
	5.7	10-				decreasing clay, stiff, sli	ightly moist	
		15-			2.5Y 4/4	olive brown, some fine s	sand	
	13.2	20-				- - -		
	17.3	25-			2.5Y 5/4	light olive brown, increa	sing clay, very stiff, slig	ghtly moist
		30-				Boring terminated at 26 f	feet.	
		35-						
		40-			-			

BORING LOCATION	NC							2DD 5 10	
A rea	<mark>5, Build</mark> any	ing 20)	Į:	DRILLER		Boring Name ——	2BB-5-19	
	mary I	nvesti	igations	1	Joe Abr	1	Project Name	Douglas Aircraft	
Earth	Probe				1.5 inch	es	Project Number — ELEVATION	974002.00 TOTAL DEPTH	
	R ncount e	ered					Not Surveye	di	26 feet
LOGGED BY J. Kni	ight						DATE STARTED 4/22/97	DATE COMPLETED	4/22/97
Personal Resistance (blows/rech (blows/rec	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		L DESCRIPTION AND	DRILLING REMARKS	
	143	-				Asphalt, 4" fill			-
	13.0	-		CL	10YR 3/2	- Silty CLAY: very dark -	gray brown, firm, moist,	slight oil odor	-
		5 -		ML	2.5Y 4/3	Clayey SILT: olive bro	own, stiff, slightly moist		-
		-				very stiff			-
	15.4	10-				decreasing clay			- - -
	13.4	15- -			2.5Y 5/4	light olive brown, firm	ı, moist		- - - -
	11.4	20-			5Y 4/3	olive, firm, moist			- - - -
	13.2	25-			2.5Y 4/4	olive brown, increasin	g clay, stiff, slightly mois	t	- - -
		30-				Boring terminated at 2	6 feet.		- - -
-				:		-			-
		35-				-			-
		- - -				-			-
		40-				<u>-</u> -			-
		_		· -		-			

BORING								Kenneu	ly/Jenks Consultants
	Area	5. Nortl	h of B	uilding 32		DRILLER		1 °	BB-5-20
	Water	Develo	pmen	<u>t</u>		Gary '	Whitley	Project NameD	ouglas Aircraft
	CME	85, Hol	llow S	tem Auger		8 inch	es	Project Number9'	74002.00
	Not E	ncounte	ered			···	· · · · · · · · · · · · · · · · · · ·	Not Surveyed	TOTAL DEPTH 50.5 feet
	D. Scł	meeber	ger					DATE STARTED 4/17/97	DATE COMPLETED 4/17/97
Driven Recovered Collected	Penetration Resistence (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munseil Color		IL DESCRIPTION AND DRIE	LLING REMARKS
-	4 10 13	14.5	-		sc	5YR 5/6	Concrete, 6" Clayey SAND: yellow	vish red, medium dense, damp,	medium to coarse, trace of gravel
	2 3 11	14.5	57		ML	5YR 4/4	Clayey SILT: reddish l	brown, stiff, damp, medium pla	asticity
-	4 7 15	10.4	10-		SC SC	5YR 4/4	Clayey Fine SAND: re	ddish brown, very stiff, damp,	slightly to moderately plastic
-	569	10.4	15-						
	3 9 115	10.4	30-	S	SP	2.5Y 5/6	SAND: light olive brow	- — — — — — — — — — — — — — — — — — — —	
\$ 1 1	3 8	5.2	40-	so	C	5YR 5/6	Clayey SAND: yellowish	n red, dense, damp, fine to coar	se, trace of clay

BORING LOCATION Area 5, North of Building 32 DRILLING COMPANY Water Development DRILLING METHOD (S)	DRILLER Gary V	Boring Name 2BB-5-20
DRILLING COMPANY Water Development DRILLING METHOD (S)		
DRILLING METHOD (S)	Gary	Whitler Ducient Name HOHO195 AirCr31f
-	DRILL BIT (S) SIZ	ZE
CME-85, Hollow Stem Auger	8 inche	Project Number 974002.00 ELEVATION TOTAL DEPTH
■ Not Encountered		Not Surveyed 50,5 feet
LOGGED BY D. Schneeberger		DATE STARTED DATE COMPLETED 4/17/97 4/17/97
SAMPLES		
Parameter Company of the Company of	CS Munsell og Colar	SOIL DESCRIPTION AND DRILLING REMARKS
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5YR 5/6	Clayey SAND (Continued): yellowish red, dense, damp, line to coarse, trace of clay
3 6.2 50- MI MI 55- 60- 70- 75-	2.5Y 6/3	Clayey SAND (Continued): yellowish red, dense, damp, line to coarse, trace of clay Clayey SILT: light yellowish brown, very stiff, damp, slightly plastic, trace of fine sand Boring terminated at 50.5 feet.
80-		

Boring Log)					icuy/Jenks Cons	
BORING LOCATION Area 5. Pai	intino R	ooth in Building 1		n	oring Name —_	2BB-5-21	
DRILLING COMPANY			DRILLER		_	Douglas Aircraft	
Precision S PRILLING METHOD (S)	ampling		Stewart DRILL BIT (S) SIZI	3	roject Name		
XD-I, Dire	ct Push	 	2 3/8 in	ches P	roject Number _	974002.00 TOTAL DEPTH	
DEPTH TO WATER Not Encou	ntered			į	Not Surveye	ed	25.5 feet
LOGGED BY				DA	TE STARTED 5/7/97	DATE COMPLETED	5/7/97
D. Schneet	\neg	l I			3(1))	<u> </u>	3,171
Oriven Recovered Collected Penetration Resistance (Resistance (Resistance Head Space	Depth (feet)	Lithology USC: Log	Munsell Color		DESCRIPTION AND	DRILLING REMARKS	11 - 1994 4 4 1
4.1	-	CL	5Y 4/2	Concrete, 6" Sandy CLAY: olive gray,	medium stiff, moist, 1	rnoderately plastic, trace of silt	, fine sand
22.4	5			-			-
₩ 12.4	10-	ML	5YR 4/3	Clayey SILT: reddish bro	wn, medium stiff, mo	ist, slightly to non-plastic, trace	e of fine sand - - - - - - -
29.1	15	sc	5YR 4/3	Clayey Fine SAND: redd		tiff, moist, slightly plastic	
			ļ				=
≥ 162.	4 20-	ML	5YR 4/3	Clayey SILT: reddish bro	wn, medium stiff, mo	ist, slightly plastic	· .
. 551	25	sc	5YR 4/3	Clayey Fine SAND: redd	ish brown, medium st	tiff, moist, slightly plastic	-
	30-			Boring terminated at 26 fo	eet.		-
-				-			-
	35			-			- -
	-						-
	40-						
	10.			-			-
	.			-			
			1				

BORING LOCAT							1	ireay/o	enks Consultants
Area	5, Paint	ting B	ooth in Buildin	g 1			Boring Name	2BB-	5-22
DRILLING COMP	sion Sar	mpling	.		DRILLER Stewar	t King	Project Name	Doug	las Aircraft
DRILLING METH	IOD (S) , Direct	Puch			DRILL BIT (S) SIZ 2 3/8 in	Е	1	97400	
JEPTH TO WATE	ER				2 3/0 11	iches	Project Number -		TOTAL DEPTH
LOGGED BY	Encount				<u> </u>		Not Survey	ed	DATE COMPLETED
D. Sc	hneeber	rger			1	1	5/7/97		5/7/97
Driven Recovered Collected Penetration Resistance (blowshoot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		DIL DESCRIPTION AND	DRILLING	G REMARKS
	4.1	-		CL	5Y 4/2	Concrete, 6" Sandy CLAY: olive g	ray, medium stiff, moist,	moderately	plastic, trace of silt, fine sand
<u> </u>	12.4	5- -				-			- - -
	12.4	10 -		ML	5YR 4/3	Clayey SILT: reddish	brown, medium stiff, mo	ist, slightly	plastic, trace of fine sand
	29.1	15-		 sc	5YR 4/3	 - Clayey Fine SAND: r	— — — — — — eddish brown, medium sti	. — — — iff to stiff, n	noist, slightly plastic
	162.4	20-		ML	5YR 4/3	Clayey SILT: reddish	brown, medium stiff, moi	ist, slightly p	olastic
	551	25-		sc	5YR 4/3	Clayey Fine SAND: r	eddish brown, stiff, moist	, slightly pla	astic -
		35-				Boring terminated at 2	25.5 feet.		

Boring Log

Boring I							IXCIII	icuy/o	enks Consul	tants
BORING LOCATION Area		Γank A	rea in Buildin	g 1			Boring Name —	2BB-:	5-23	
DRILLING COMP.	ANY				DRILLER	N	Project Name		las Aircraft	
DRILLING METH	i <mark>ion Sar</mark> OD(S)				DRILL BIT (S) SIZI		-	_		-
XD-I,	Direct	Push			2 3/8 in	ches	Project Number	97400	TOTAL DEPTH	
Not E	ncount	ered					Not Surveye	d	1	25 feet
LOGGED BY D. Sch	ıneebei	rger					DATE STARTED 4/11/97		DATE COMPLETED	I/11/97
SAMPLES	3				16					
Driven Recoven Collecte Penetratio Resistance (blowerhoo	Head Spa Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO)	IL DESCRIPTION AND	DRILLING	G REMARKS	
Q & Q & & E	##5	 	XXXXXX			Concrete, 6"				
	0	-		CL	5YR 3/2	Sandy CLAY: dark red	ddish brown, stiff, moist, i	moderately	plastic, fine to mediur	11
		-				-				
		-			5YR 4/4	reddish brown				
		-			31 K 4/4	- reduish brown				-
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	6.2	15		SC	2.5Y 5/4	Clayey Fine SAND: li	ght olive brown, soft to m	nedium stiff	, damp, slightly plastic	
		15								_
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				ML	5YR 4/4	Clayey SILT: reddish t sand	orown, stiff, moist, slightly	y to moderat	tely plastic, trace of fin	e to medium
	6.2					increasing clay, trace o	of fine sand			•
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$+ \mid \mid \mid \mid \mid$		-				Boring terminated at 2	5 feet.			-
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DRIL	LING	Area COM	5, Basei	ment o	f Building 1	Ti	ORILLER	· · · · · · · · · · · · · · · · · · ·	Boring Name ———	2BB-5	
		Preci	sion Sar	npling			Sergio	Navarro	Project Name	Dougl	as Aircraft
DRIL	LING	METH XD-L	OD (S) Direct	Push		ŀ	ORILL BIT (S) SIZ 2 3/8 in	E eches	Project Number	97400	2.00
ÆPT	H TO	WATE	R						ELEVATION		TOTAL DEPTH
LOGO	EDI	3Y	ncount					······	Not Surveyed DATE STARTED		DATE COMPLETED
! —	SA	D. Sc.	nneeber	ger		1	1		4/8/97		4/8/97
Driven	Collected	Penetration Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND I	ORILLING	REMARKS
▓					$\times\!\!\times\!\!\times\!\!\times$			Concrete, 22"			
▓.											
			10.4	-		ML 	5YR 4/4	Clayey SILT: reddish	brown, medium stiff, dry, t	trace of find	e sand
	2			5-		SC	2.5Y 5/4	Clayey Fine SAND: In	ght olive brown, medium s	stiff to soft	dry to damp, slightly plastic
			22.9	-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, dry to damp, t	trace of fine	e to medium sand
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				-				Boring terminated at 1	2 feet.		
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BORIN				ment -	of Building 1				Boring Name	2BB-5-27	
DRILLI	ING C	OMPA	NY			ľ	DRILLER		I -		
	P	recis	ion Sar	npling	L		Sergio I	Navarro	Project Name	Douglas Ai	rcrait
RILLI	ING M X	1LTHO D-I	OD (S) Direct	Push		ļ.	DRILL BIT (S) SIZI 2 3/8 in	: ches	Project Number _	974002.00	
DEPTH	TOV	VATER	l .				2010110		Project Number — ELEVATION	TOTAL D	EPTH
LOGGE	N	ot Eı	ncount	ered					Not Surveye DATE STARTED	d DATE CO	12 feet
	_ D	. Sch	neeber	rger					4/9/97		4/9/97
18	SAM	PLES	8	1		110/00	M. ma-11				
Driven Recoven	lecte.	setrato Mento Mento	Head Spac Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SO	IL DESCRIPTION AND	DRILLING REMA	RKS
2 %	8 8	2 % <u>Q</u>	₽æ <u>&</u>	\vdash			+	Concrete, 22"			
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***	₩.					ML	5YR 4/4	Clayey SILT: reddish	brown, medium stiff, dry,	trace of fine sand	

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				_				increasing in clay, slip	htly to moderately plastic	;	
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				10-		sc	2.5Y 5/4	Clavey Fire SAND: 1	ght olive brown, medium	etiff maiet aliabete	
	XX		10.4	1		SC	2.31 3/4	L Ciayey Pille SAND: II	gik olive browli, mealum	sum, moist, stigntly	prastic
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BOR	ING I	LOCAT								2DD 5	20	
DRIL	LING	<u>Area</u> GCOMI	<u>5, Base</u> PANY	ment c	of Building 1]:	DRILLER		,	2BB-5-		
		Preci	sion Sa	mpling		ŀ	Sergio l	Navarro	Project Name	Dougla	s Aircraft	
		XD-I	IOD (S) , Direct	Push			DRILL BIT (S) SIZI 2 3/8 in	E ches	Project Number	974002	.00	
€PI	H TO	WATE	R Encount						ELEVATION	Tr	OTAL DEPTH	
LOGG	GED	BY							Not Surveyed DATE STARTED	D	ATE COMPLETED	12 feet
	S.	D. Sc	hneebei	rger		ı	1		4/8/97			4/8/97
Driven	Collected	Penetration Resistance (blows/tool)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	İ	IL DESCRIPTION AND D	RILLING R	REMARKS	
▓.								Concrete, 22"				-
		KXKX	6.2	5		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, dry, trace of fir	ne sand, slig	chtly plastic	- - - - - -
			6.2	15-				Boring terminated at 1	2 feet.			- - -
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BORE	NG L	OCAT	ION									
DRILI	LINC	A rea	5, Base	ment c	of Building 1		DRILLER		Boring Name	2BB-:		
1		Preci	sion Sai	mpling	L		Sergio	Navarro	Project Name	Dougl	las Aircraft	
DRIL	LINC	METH XD-L	IOD (S) Direct	Push			DRILL BIT (S) SIZ 2 3/8 i	LE nches	Project Number	97400	2.00	
€PT!	н тс) WATE	R				2 3/0 1		Project Number ELEVATION		TOTAL DEPTH	
LOGG	ED	BY	Cncount						Not Surveyed DATE STARTED	<u> </u>	DATE COMPLETED	12 feet
	\$/	D. Sc	hneebei	ger	1		i	<u> </u>	4/8/97			4/8/97
Driven	1 -		Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND E	DRILLING	REMARKS	
				-	>>>>>>	1		Concrete, 22"				
	8					ļ		-				
	X	X	10.4	-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, dry, trace of fi	ne sand		_
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	8			5-			 	t				
		3	10.4	ا ا		sc	2.5Y 5/4	Clayey Fine SAND: li	ght olive brown, medium s	stiff to soft.	. drv. slightly plastic	• •
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BORING LOCATION						T	neuy/Jenks Consultants
Area 5, Base	ment o	of Building 1		DDULES		Boring Name —	2BB-5-30
DRILLING COMPANY Precision Sa	mpling			DRILLER Sergio I	Navarro	Project Name	Douglas Aircraft
RILLING METHOD (S) XD-I, Direct				DRILL BIT (S) SIZE 2 3/8 in	3	Project Number -	974002.00
DEPTH TO WATER				20,011		ELEVATION Not Surveye	ed TOTAL DEPTH
Not Encoun				.,		DATE STARTED	DATE COMPLETED
D. Schneebe	rger	1				4/10/97	4/10/97
Driven Recovered Collected Peretreton Residence (blows/box	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING REMARKS
-	-				Concrete, 22"		
	5-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, dry, slightly	to non-plastic, trace of fine to medium sand
64.5	-		SC	2.5Y 5/4	Clayey Fine SAND: I	ight olive brown, soft, dry	y, slightly plastic
27.0	10-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, moist, mode	erately plastic, trace of fine to medium sand
	15- 20- 25- 30-				Boring terminated at	12 feet.	

BORING LOCAT	ION			<u> </u>	· -			ADD (
DRILLING COM	PANY		of Building 1]:	DRILLER		Boring Name ——	2BB-:		
Prec	ision Sa	mpling	<u> </u>		Sergio	Navarro	Project Name	Doug	las Aircraft	
ORILLING MET	HOD (S)	Push		ľ	DRILL BIT (S) SIZ 2 3/8 ir	Œ iches	Project Number	97400	2.00	
DEPTH TO WAT							Project Number		TOTAL DEPTH	
LOGGED BY							Not Surveyed DATE STARTED		DATE COMPLETED	12 feet
D. Se	hneebei	rger	1.			 	4/8/97			4/8/97
Recovered Collected Peretration (Peretration)		Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND I	DRILLING	REMARKS	
			\bowtie	1		Concrete, 22"		_		
	18.7	5-		ML	5YR 4/4	rock in sampler Clayey SILT: reddish increasing clay	brown, stiff, dry, trace of fi	ne sand		- - - - - -
		20- 25- 30-				Boring terminated at 1	2 feet.			
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BÖRING LOCATION Area 5, Basement of Building 1			Boring Name 2BB-5-32			
DRILLING COMPANY Precision Sampling	DRILLER Sergio N	lavarro	Project Name	Douglas Aircraft		
RILLING METHOD (S) XD-I, Direct Push	Sergio N DRILL BIT (S) SIZE 2 3/8 inc	hes		974002.00		
DEPTH TO WATER	20,0 110		Project Number	TOTAL DEPTH	Cont	
Not Encountered LOGGED BY			Not Surveyed	DATE COMPLETED		
D. Schneeberger			4/8/97	4/8/	797	
See The See Th	Munsell Color	SO	L DESCRIPTION AND I	DRILLING REMARKS		
S		Concrete, 24"				
		-			-	
ML	5YR 4/4	Clayey SILT: reddish	brown, very stiff, dry, trace	e of fine to medium sand	-4	
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		Boring terminated at 1	2 feet.			
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BORING LOCAT	∟ 0g			Rennedy/Jenks Consultants							
Area	5, Baser	ment o	f Building 1		DRILLER		Boring Name 2BB-5-33				
DRILLING COMI Preci	sion Sar	npling			Sergio I	Navarro	Project Name	Douglas Aircraft			
DRILLING METH	OD (S) Direct				DRILL BIT (S) SIZE 2 3/8 inc	ches	Project Number _ ELEVATION	974002.00			
DEPTH TO WATE	R Encount						ELEVATION Not Surveye	TOTAL DEPTH 12 feet			
LOGGED BY							DATE STARTED	DATE COMPLETED			
SAMPLES	hneeber	I	1	Γ	T		4/9/97	4/9/97			
Persentation Resistance (blows/bod)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	so	IL DESCRIPTION AND	DRILLING REMARKS			
<u> </u>	## E		XXXXX	 		Concrete, 24"					
		-	$\otimes\!\!\!\otimes\!\!\!\otimes\!\!\!\otimes$	{		-					
		-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff to medium st	iff, damp, slightly plastic, trace of fine sand			
	52	-				<u>.</u>					
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	147.9	5-									
	147.9				 						
				sc	2.5Y 5/4	Clayey Fine SAND: 1	ight olive brown, stiff, dry	y, slightly plastic			
				L	1	- — — — — —					
		10-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, moist, slight	ly plastic, trace of fine to medium sand			
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-		15-				Boring terminated at	12 feet.				
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ORING LO		Jog							iedy/Jenks C			
A	rea 5	5, Baser	ment c	of Building 1		DDH L DD		Boring Name2BB-5-34				
RILLING (recis	ion San	npling			DRILLER Sergio I	Navarro	Project Name	Douglas Airc	raft		
RILLING N	метно (D-I,	OD (S) Direct				DRILL BIT (S) SIZE 2 3/8 in	E	Project Number	974002.00			
EPTH TO V	WATER	ncount						ELEVATION Not Surveye	TOTAL DEPT	TH 12 feet		
OGGED BY	Y	neeber						DATE STARTED 4/9/97	DATE COMP	12 leet LETED 4/9/97		
SAM	APLES T	8			LISCS	Munsell						
Recovere Collected	Penetration Resistance Mores/foo	Head Spa Reading (ppm)	Depth (feet)	Lithology	USCS Log	Color	so	IL DESCRIPTION AND	DRILLING REMARK	S		
	262	123					Concrete, 20 ⁿ					
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		47.9			ML	5YR 3/3	Clayey SILT: dark red	dish brown, medium stiff,	damp, slightly plastic,	trace of fine to mediun		
		47.9	-			5YR 4/4	reddish brown					
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		177	_			257.54						
			-		SC	2.5Y 5/4	Ciayey rine SAND: II	ght olive brown, soft, dan	np to ary, slightly to no	n-prastic		
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			10-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, moist, slight	ly plastic, trace of fine t	o medium sand		
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			15-				Boring terminated at 1	2 feet.				
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BOTING LOG						APP 5.25			
Area 5, Base	ment o	f Building 1		DRILLER		Boring Name ——			
DRILLING COMPANY Precision Sar	mpling			Sergio I	Navarro	Project Name	Dougl	as Aircraft	
RILLING METHOD (S) XD-I, Direct	Push			DRILL BIT (S) SIZE 2 3/8 inc	: ches	Project Number — ELEVATION	97400	2.00	
■ DEPTH TO WATER			1			ELEVATION No.4 S		TOTAL DEPTH	
Not Encount LOGGED BY						Not Surveyed DATE STARTED	1,8	DATE COMPLETED	
D. Schneeber	rger	r		1		4/9/97	·	4/9/97	
Recovered Collected Pereiration Resistence (bleverbod) Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsett Color		IL DESCRIPTION AND	DRILLING	REMARKS	
_	_	\bowtie			Concrete, 21"			_	
56.2	5-		ML	5YR 3/3 5YR 4/4	Clayey SILT: dark red medium sand reddish brown, increas		damp to dr	ry, slightly plastic, trace of fine to	
152	10-		sc	2.5Y 5/4	Clayey Fine SAND: li		mp, slightly		
	20- 25- 30-				Boring terminated at 1	12 feet.			

Bollyg Log Wiley					cuj, c			
BORING LOCATION Area 5, Basement of Bu	ilding 1			Boring Name 2BB-5-36				
DRILLING COMPANY	iiuiiig i	DRILLER		_				
Precision Sampling		Sergio l	Navarro	Project Name	<u>Dougla</u>	as Aircraft		
Precision Sampling PRILLING METHOD (S)		DRILL BIT (S) SIZI	E	D 1 (N)	974002	2.00		
XD-I, Direct Push		2 3/8 in	ches	Project Number		TOTAL DEPTH		
DEPTH TO WATER Not Encountered				Not Surveyed		IOIAL DEPIH	12 feet	
LOGGED BY				DATE STARTED	·	DATE COMPLETED	12 1000	
D. Schneeberger				4/9/97			4/9/97	
SAMPLES S Durt	ithology USCS Log	Munsell Color	soi	IL DESCRIPTION AND I	RILLING	REMARKS	-	
0 & 0 & de 7 a a			Concrete, 21"			-	· - · · · · · · · · · · · · · · · · · ·	
	ML	5YR4/4	Clayey SILT: reddish	brown, medium stiff, darnp	o, slightly pl	lastic, trace of fine	sand	
72.5							- -	
 			-				-	
135.4	sc sc	2.5Y5/4	Clayey Fine SAND: li	ight olive brown, soft to me	edium stiff,	dry, slightly plastic		
	ML ML	5YR4/4	Clavey SILT: reddish	brown, medium stiff, moist	 t, slightly to	moderately plastic	trace of fine	
10-			sand				<u>-</u>	
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			Boring terminated at 1	2 feet.			_	
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BORING LO	OCATIO	ON		6D 22 4				Boring Name 2BB-5-37			
DRILLING	COMPA	NY NY	<u>ment o</u>	f Building 1		DRILLER					
PRILLING	Precis METHO	ion Sar	npling			Sergio DRILL BIT (S) SIZI	Navarro E	Project Name		as Aircraft	
,	XD-I,	Direct	Push			2 3/8 in	ches	Project Number	974002		
DEPTH TO	Not Er	c ncount	ered					Not Surveye	đ	TOTAL DEPTH 10 feet	
LOGGED B	y D. Sch	neeber	ger		,			DATE STARTED 4/10/97		DATE COMPLETED 4/10/97	
	Penetration (A)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING	REMARKS	
		14.5	5-		ML	5YR 4/4	Concrete, 4" Clayey SILT: reddish	brown, stiff, dry, slightly p	plastic, trace	of fine sand	
			1 1		sc .	2.5Y 5/4	Clayey Fine SAND: li	ight olive brown, soft, dry,	, slightly to r	non-plastic	
		68.4	-		ML	5YR 4/4	Clayey SILT: reddish	brown, medium stiff, mois	st, moderatel	ly plastic, trace of fine to medium	
			15-20-25-30-				Boring terminated at 1	10 feet.			
			40-				-			- - - -	

BORING		ATIO		noné c	f Building 1				Boring Name			
DRILLIN	IG CC	OMPA	NY			D	RILLER Sergio N	Javanno	Project Name		s Aircraft	
DRILLIN	IG MI	ETHO	on San D(S)			D	RILL BIT (S) SIZE			974002		
₽TH T	ro w	ATER	Direct 1				2 3/8 inc		Project Number — ELEVATION	TY	OTAL DEPTH	
LOGGED			counte	red					Not Surveyed DATE STARTED	D.	12 feet ATE COMPLETED	
	D.	Schi	neeber	ger					4/10/97		4/10/97	
Driven	Collected	(esstance blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING R	EMARKS	
								Concrete, 20"			-	
	××××××××××××××××××××××××××××××××××××××		14.5	5-		ML	5YR 4/4	Clayey SILT: reddish	brown, medium stiff, dam	p, slightly pla	ustic, trace of fine sand	
	88		14.5	-		sc 	2.5Y 5/4	Clayey Fine SAND: I	ight olive brown, soft, dry			
	**		14.5	10-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, moist, moder	rately plastic,	trace of fine sand	
				15-				Boring terminated at	12 feet.		- - -	
				20-				-			- - -	
-				25-							- - - - -	
				30-							_ - - - -	
				35- - -				-			- - -	
				40-				- - -			- -	

BORII	NG LO	OCATIO	N Bass	noné c	f Building 1				Boring Name 2BB-5-39			
DRILL	JNG	COMPA	NY			I	ORILLER Sangio	Navanno	Project Name		as Aircraft	
DRILI	ING	METHO	ion San DD (S)			ı	Sergio I ORILL BIT (S) SIZE	NAVALLO	-	97400°		
	2	XD-I, WATER	Direct 1	Push	·····		2 3/8 in	ches	Project Number — ELEVATION		TOTAL DEPTH	
	ľ	Not E	ncounte	red					Not Surveyed DATE STARTED	ı	DATE COMPLETED	
LOGG	1	D. Sch	neeber	ger					4/9/97		4/9/97	
Driven	$\overline{}$	Penatration Resistance (blows/foot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munseil Color		IL DESCRIPTION AND	DRILLING	REMARKS	
				~				Concrete, 20"				
	*		10.4	5-		ML	5YR 4/4	Clayey SILT: reddish	brown, medium stiff, dam	p, slightly p	olastic, trace of fine sand	
			22.9			sc	2.5Y 5/4	Clayey Fine SAND: li	ght olive brown, soft, dry			
			31.0	10-		ML	5YR 4/4	Clayey SILT: reddish	brown, medium stiff, mois	st, moderate	ly plastic, trace of fine sand	
				15-				Boring terminated at 1	2 feet.			
				20-							- - -	
- - -				25-				- - -			- - - -	
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-				40-				-			- - -	

BORING LOCATION Area 5. Basement of Building 1		_	Boring Name 2BB-5-40			
Area 5, Basement of Building 1 DRILLING COMPANY Precision Sampling	DRILLER Sergio N	Vavarro	Project Name	Douglas Aircraft		
DRILLING METHOD (S)	DRILL BIT (S) SIZE 2 3/8 inc		-	974002.00		
XD-I, Direct Push PPTH TO WATER	2 3/8 IIIC	nes	Project Number	TOTAL DEPTH	nt .	
Not Encountered LOGGED BY			Not Surveyed DATE STARTED	DATE COMPLETED		
D. Schneeberger	T		4/9/97	4/9/9	· /	
Ce 10 Depth (feet) Lithology USCS Log	Munsell Color	SOI	L DESCRIPTION AND D	RILLING REMARKS		
		Concrete, 20"				
		-				
43.7 ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, damp, slightly	plastic, trace of fine sand	-	
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		_			_	
85.4						
sc	2.5Y 5/4	Clayey Fine SAND: li	ght olive brown, soft, dry,	lightly to non-plastic	-	
	 					
ML	5YR 4/4	Clayey SILT: reddish to medium sand	brown, medium stiff, damp	, slightly to moderately plastic, trace	of fine	
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		Boring terminated at 1	2 feet.			
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BOR	ING L	OCATIO)N		f Building 1				Boring Name —	2BB-5	5-41
DRII	LING	COMP/	<u>, baser</u> NY	nent o	i Dunaing 1		DRILLER		_		
	1	Precis	ion San	npling			Sergio N	Navarro	Project Name	Dougl	as Aircraft
DRIL	LING	METHO	OD (S)			1	DRILL BIT (S) SIZE		Droiget Number	97400	2.00
	רט ייי	XD-I,	Direct	Push	<u></u>		2 3/8 inc	enes	Project Number _ ELEVATION		TOTAL DEPTH
•		Not E	c ncounte	ered					Not Surveye	d	12 feet
LOG	GED E	BY							DATE STARTED		DATE COMPLETED
_		D. Sch	neeber	ger					4/9/97		4/9/97
Driven	Recovered Collected	Penetration Resistence (blows/foot)	Head Space Resoling (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING	REMARKS
쒸	<u> </u>	25.5	745		******			Concrete, 22"			
-				-	XXXXX	}					-
			14.5	5-		ML	5YR 4/4	Clayey SILT: reddish	brown, medium stiff, dam	p, slightly p	olastic, trace of fine to mediumsand
▓			27.0] 3 		 sc	2.5Y 5/4	Clayey Fine SAND: li	ght olive brown, soft, dry	, slightly to	non-plastic
▓				1							
				10-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, moist, mode	rately plasti	c, trace of fine sand
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								Boring terminated at 1	12 feet.		=
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Kennedy/Jenks Consultants

		5 -		_					Boring Name 2BB-5-42						
BOR	ING L	CATIC	N Rass	nent o	f Building 1				Boring Name ——	<u> 2BB-5</u>	-42				
DRII	LING	COMPA	NY			L	ORILLER		_	Dangl	as Aircraft				
ľ	1	Precis	ion San	npling			Sergio N	Navarro	Project Name						
DRII	LING	METHO	D(S)	Duck		ľ	ORILL BIT (S) SIZE 2 3/8 inc	ches	Project Number —	97400	2.00				
	TH TO	WATER	Direct 1	usfl			2 5/0 11/0		ELEVATION		TOTAL DEPTH				
i i	1	Not E	ncounte	red					Not Surveyed DATE STARTED	d	DATE COMPLETED				
LOG	GED B	Y							4/9/97		4/9/97				
! —	[A2	D. Sch	neeber	ger			<u> </u>								
Driven	Recovered Collected	6 4 (f)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND	DRILLING	REMARKS				
읙	<u>د ا د</u>	Tã.	±ĕ₽.		****			Concrete, 18"							
	-			_	\bowtie			-							
			2.0	-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, dry, slightly p	plastic, trace	e of fine to medium sand				
			6.2	5-		sc -	2.5Y 5/4	Clayey Fine SAND: light olive brown, soft, dry, slightly to non-plastic							
▓				-											
				10-		ML	5YR 4/4	Clayey SILT: reddish	brown, medium stiff, dam	ıp, moderate	ely plastic, trace of fine sand				
×		1	10.4	-				_			• _				
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-				-				Boring terminated at	12 feet.		_				
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BOF	ING	LOCA Are	ATIO	N Baser	nent o	f Building 1			Boring Name ——	2BB-5-43		
	LLIN	G CO	MPA cisi	NY on San			I	ORILLER Sergio I ORILL BIT (S) SIZE	Navarro	Project Name	Douglas Aircraft	
DRI	LLIN	G ME	THO	D(S) Direct			C	ORILL BIT (S) SIZE 2 3/8 inc	ches	Project Number — ELEVATION	974002.00	
₹P	тн т	AW C	TER	counte						ELEVATION Not Surveyed	TOTAL DEPTH 12 feet	
LOC	GED	BY		neeber						Not Surveyed DATE STARTED 4/9/97	DATE COMPLETED 4/9/97	
Driven	Recovered	AMPL 8 8 8	EZ FZ	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	sol	SOIL DESCRIPTION AND DRILLING REMARKS		
<u>ō</u>	<u> </u>	2 2 2	22	## <u>@</u>	_				Concrete, 20"		-	
				6.2	5-		ML	5YR 4/4	Clayey SILT: reddish	brown, medium stiff, dry,	slightly plastic, trace of fine sand	
				14.5	-		sc	2.5Y 5/4	Clayey Fine SAND: li	ght olive brown, soft, dry,	slightly plastic	
	***	XX		22.9	10-		ML	5YR 4/4	Clayey SILT: reddish	brown, stiff, damp, moder	ately plastic, trace of fine to medium sand	
-					-				Boring terminated at 1	2 feet.	- -	
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BORING LOCATION		Boring Name 2BB-5-44		
Area 5 DRILLING COMPANY	DRILLER	Project Name Douglas Aircraft		
Quaternary Investigations DRILLING METHOD (S)	Joe Abreau DRILL BIT (S) SIZE			
Earth Probe PTH TO WATER	1.5 inches	ELEVATION TOTAL DEPTH		
Not Encountered		Not Surveyed 10 feet DATE STARTED DATE COMPLETED		
LOGGED BY J. Knight		4/21/97 4/21/97		
SAMPLES TO BE THE STATE OF THE		SOIL DESCRIPTION AND DRILLING REMARKS		
0.7 CL		s, stiff, slightly moist, with a 1-inch lense of dark yellow brown fine sand		
1.5	10YR 3/2 mottled very dark	gray brown and dark yellow brown, firm, moist		
5-1 1 1	2.5Y 5/6 Clayey SILT: ligh	t olive brown, stiff, slightly moist		
1.2	decreasing clay, fi	ım		
	Boring terminated	at 10 feet.		
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BORING L									ADD 5.45		
	Are:		_						Boring Name	2BB-5-45	i
DRILLING	CON	MPANY		****			DRILLER		- · · · · · · ·		
DRUING	Qua	terns	ry I	<u>nvesti</u>	gations		Joe Abr DRILL BIT (S) SIZE		Project Name		
DRILLING	Ear	thod (obe				1.5 inch	es	Project Number — ELEVATION	974002.00	
PTH TO) WAT	ΓER		_					ELEVATION N - 4 C	TOTAL DEPTH 10 fee	,
LOGGED	Not	Enco	unte	red					Not Surveyed DATE STARTED	DATE COMPLETED	
LAGED	J. K	night	<u>t_</u>						4/21/97	4/21/9	7
Driven Recovered Collected	Peretration Resettence	<u> </u>	S Depth Lithology USCS Munsell SOIL DESCRIPTION AND DRILLING F	DRILLING REMARKS							
	XXXX					CL	10YR 3/3	Asphalt, 6" Silty CLAY: dark brov	wn, stiff, slightly moist		-
	XXXX			<u> </u>		ML	10YR 3/3 10YR 4/6	Clayey SILT: mottled	dark brown and dark yello	ow brown, stiff, slightly moist	- -
				3			2.5Y 5/4	light olive brown, fim	n, slightly moist		-
				-				stiff			-
	<u> </u>	1	5.9	-10-				decreasing clay, some	fine sand		
				-				Boring terminated at 10 feet.			
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BOR	ING	LO	CATIC	N S				-		Boring Name 2BB-5-46		
DRII	LIN	GC	COMPA	NY	mronti	gations	1	DRILLER Joe Abr	war:	Project Name	Douglas Aircr	aft
DRIL	LIN	G M	AETHO	DD(S)	II V CSCI	gations	1	DRILL BIT (S) SIZE	DISIZE		974002.00	
EP	гн т	νo	VATER	Probe			1	1.5 inch	es	Project Number -	TOTAL DEPTH	3 Sout
LOG	GED	ВЪ	7	counte	ered	<u> </u>				Not Surveyed DATE STARTED	DATE COMPL	2 feet ETED
		J.	. Kni	ght						4/21/97		4/21/97
Driven	Recovered	Collected	Penetration Resistence (biowerfloot)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS			
		×			1		CL	10YR 2/2	Asphalt, 6" Silty CLAY: very dark	k brown, firm, moist		
-		٦			-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Boring terminated at 2	2 feet due to refusal.		
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Boring Log Reinfedy/Jenks Consultants									
BORING LOCATION		Boring Name 2BB-5-47							
Area 5 DRILLING COMPANY	DRILLER								
Quaternary Investigations DRILLING METHOD (S)	Joe Abreau DRILL BIT (S) SIZE								
Earth Probe	1.5 inches	Project Number 974002.00 ELEVATION TOTAL DEPTH							
APTH TO WATER Not Encountered		Not Surveyed 10 feet							
LOGGED BY J. Knight		DATE STARTED DATE COMPLETED 4/21/97 4/21/97							
SAMPLES	M								
Part of the part o	Munsell Color Asphalt, 6"	SOIL DESCRIPTION AND DRILLING REMARKS							
3.3 CL	10YR 4/3 Silty CLAY:	brown, firm, moist							
3.0 1 ML	10YR 3/3 Clayey SILT	dark brown, firm, moist							
5-	10YR 3/6 dark yellow	brown, stiff, moist							
	stiff, slightly	v moist							
2.8	2.5Y 4/4 olive brown	decreasing clay, very stiff, slightly moist							
	- Boring term	Soring terminated at 10 feet.							
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BORING LOCATIO						Boring Name 2BB-5-48				
A rea	ANY]1	ORILLER		Project Name Douglas Aircraft			
DRILLING METH	OD (S)	<u>nvesti</u>	gations		Joe Abr ORILL BIT (S) SIZE	•	1			
Earth EPTH TO WATER	Probe				1.5 inch	es	ELEVATION	TOTAL DEPTH		
Not E	ncounte	red					Not Surveyed Date started	DATE COMPLETED		
J. Kni	ght				,		4/21/97	4/21/97		
Collected Sections of Peretration (Development)	Head Space Reading (ppm)	Depth (feet)	Lithology	USCS Log	Munsell Color		IL DESCRIPTION AND DRI	LLING REMARKS		
	2.9	-		CL	10YR 3/2	Asphalt, 6" Silty CLAY: very dark	gray brown, stiff, slightly mo	ist		
	3.1	-		ML	10YR 3/3	Clayey SILT: dark bro	own, firm, moist	-		
		5-			10YR 3/6	dark yellow brown, sti	iff, slightly moist	- -		
					10YR 4/6	- dark yellow brown, ve	ery stiff, slightly moist	- -		
	3.9	-10 -			2.5Y 5/6	light olive brown, dec	reasing clay	-		
-		-				Boring terminated at 1	0 feet.	- -		
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